PART IV

Section 2-C-(1)

GENERAL STATUTORY RULES ISSUED BY THE STATE GOVERNMENT UNDER THE CENTRAL ACTS AND STATE ACTS AND RULES MADE BY THE GOVERNOR UNDER THE CONSTITUTION.

FOOD, CIVIL SUPPLIES AND LABOUR SECRETARIAT

NOTIFICATION.

Bangalore, dated 13th December 1968.

G.S.R. 1.—The draft of the following Rules to amend the Mysore Boiler Operation Engineers' Rules, 1959, which the Government of Mysore proposes to make in exercise of the powers conferred by Section 29 of the Indian Boilers Act, 1923 (5 of 1923), is hereby published as required by sub-section (1) of section 31 of the said Act for the information of persons likely to be affected thereby and notice is hereby given that the said draft rules will be taken into consideration on or after the 10th day of February, 1969.

Any objection or suggestion which may be received from any person with respect to the said draft rules before the date so specified will be considered by the Government. Objections and suggestions may be addressed to the Secretary to Government of Mysore, Food, Civil Supplies and Labour Department, Vidhana Soudha, Bangalore-1.

1. **Title.**—(1) These rules may be called the Mysore Boiler Operation Engineer's (Amendment) Rules, 1968.

(2) They shall come into force at once.

2. Amendment of rule 3.—In the Mysore Boiler Operation Engineer's Rules, 1959 (hereinafter referred to as the principal rules) in rule 3, after the second proviso, the following proviso shall be added, namely :—

"Provided also the Chief Inspector may, permit a Boiler Operation Engineer, holding a certificate of Proficiency under these Rules, to be incharge of batteries of Boilers and he may also permit a Boiler Operation Engineer freedom of movement upto such distance from any boiler battery and on such conditions as he may consider necessary".

3. Amendment of rule 33.—In rule 33 of the principal rules, in item (*a*),—

(*a*) in the first paragraph, after the words "apprentice engineer's course", the words "of not less than three years", and after the word "repairing", the words "or operation" shall be inserted ;

(*b*) in the second paragraph, after the words and brackets "Institution of Engineer's (India)", the words and letters "for exemption from Sections A and B of their examination" shall be added.

4. Substitution of new rule for rule 35.—For rule 35 of the principal rules, the following rule shall be substituted, namely :—

"**35. Syllabus for Examination.**—The following shall be the Syllabus for the purposes of the examination referred to in rule 37, namely :—

(*a*) Mathematics :—Ratio and Proportion, variation use of logarithmic tables, calculations of areas volumes, quantities and weights, simple quadratic algebraic equations and their applications plotting of curves.

(*b*) **Applied Mechanics.**—Units of force, work power, energy and their relationship, conditions of equilibrium of a system of complaver problems on moments of gravity, lavers, simple problems on moments of inertia, stress and strain, Hooke's law, young's modulus, modulus of rigidity, simple problems relating to calculation of direct and banding stresses in different sections and torsional stresses in circular solid shafts, power transmitted, torque, circumferencial and longitudinal stresses in pressure, vessels, riveted and bolts joints, pipe flanges, calculation of working pressure of parts of boilers and steam pipes in accordance with the Indian Boiler Regulations 1950.

(*c*) Drawing: Preparation of working sketches of drawings of steam engines, boiler mountings of parts thereof.

(*d*) **Boilers and Heat Engines**—Basic principles of Thermodynamics, use of steam tables, description, operation and maintenance of different types of boilers, economisers and their mountings and fittings, description, operation and maintenance of feed pumps, injectors, feed regulators, water softeners, feed heaters, air hearters, steam accumulators and super heaters, fuels and their characteristics, combustion of fuels, mechanical stokers, burners, pulverisers draught fans, boiler scale, its effect on heat transfer, internal and external cleaning of boilers, deacration of feed water, P. H. Value, hardness and alkalinty in feed and boiler water, make-up water, boiler house instrumentation, efficiency of boilers, working of different types of reciprocating engines and turbines, station efficiency, re-heat, steam piping layout expansion bends, supports, archors, drainage, etc., materials used in constructions of Boilers and heat engines, under the Indian Boiler Regulations 1950

5. **Amendment of rule 37.**—In rule 37 of the principal rules.—

(a) in clause (b) for the word, brackets and letter clause (c)", the word, brackets and letter "clause (c)" shall be substituted;

(b) in clause (c), after the word "workshop", the words "or in a Boiler House" shall be inserted.

[No. FCL 188 LFB 88.]

By Order and in the name of the Governor of Mysore,

331 G. G. PUROHIT *Under Secretary.*